

Haskell County

Estimated Economic Contribution of Agriculture, Food, and Food Processing Sectors 6/26/2019

Using the most recent IMPLAN data available (2017) adjusted for 2019, 11 agriculture, food, and food processing sectors were analyzed to determine their overall contribution to the Haskell County economy.¹

These 11 sectors have a total direct output of approximately **\$898.4 million** and support **998 jobs** in Haskell County. Running the model for all 11 sectors simultaneously produces the following results:

Agriculture, Food, and Food Processing Sector Contribution to Overall Haskell County Economy					
Contribution Type ²	Employment	% Employment	Total Value Added ³	Total Value Added % of Gross Regional Product ⁴	Output ⁵
Direct Effect	997.8	35.85%	\$233,996,564	65.76%	\$898,388,344
Indirect Effect	302.0	10.85%	\$24,410,282	6.86%	\$47,412,635
Induced Effect	114.8	4.12%	\$9,133,079	2.57%	\$16,370,752
Total Effect	1414.6	50.83%	\$267,539,925	75.18%	\$962,171,730

As shown in the above table, agriculture, food, and food processing sectors support **1,415 jobs**, or **50.83%** of the entire workforce in the county.

Another metric used to calculate the importance of sectors in an economy is their value added as a percentage of GRP. Total value added by the 11 agriculture, food, and food processing sectors is approximately **\$267.5 million**, or **75.18% of the GRP**.

The following tables document the top industries affected by employment and output, as well as a listing of all industries that were analyzed.

1 Article on building a contribution analysis in IMPLAN that avoids double counting:

<https://implanhelp.zendesk.com/hc/en-us/articles/115002801513-Considerations-of-Contribution-Analysis>

2 Direct, indirect, and induced effects sum together to estimate the total economic contribution in the state. **Direct effects** capture the contribution from agricultural and food products. **Indirect effects** capture the economic benefit from farms and agricultural businesses purchasing inputs from supporting industries within the state. **Induced effects** capture the benefits created when employees of farms, agricultural businesses, and the supporting industries spend their wages on goods and services within the state.

3 Value added = labor income + indirect business taxes + other property type income.

4 GRP = final demand of households + governments expenditures + capital + exports - imports - institutional sales.

5 Output = intermediate inputs + value added.

In the top ten agriculture, food, and food processing sectors by employment, the beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming sector is the top employer with **694 employees**. This table also shows the amount of jobs that are created by the agriculture industry in Haskell County.

Top Ten Agriculture, Food, and Food Processing Sectors by Employment		
Sector	Total Employment	Total Output
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	694.4	\$752,805,132
Support activities for agriculture and forestry	204.7	\$10,414,263
Wholesale trade	92.1	\$19,356,242
Truck transportation	56.8	\$8,580,810
Real estate	54.8	\$3,455,531
Grain farming	36.3	\$83,595,535
Other animal food manufacturing	29.2	\$35,884,484
Services to buildings	16.9	\$469,243
Full-service restaurants	16.9	\$651,454
All other crop farming	16.7	\$7,414,599

The beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming sector directly contributes approximately **\$752.8 million** to the Haskell County economy. The table below also shows the amount of revenue that is generated in other industries by having a strong agriculture industry.

Top Ten Agriculture, Food, and Food Processing Sectors by Output		
Sector	Total Employment	Total Output
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	694.4	\$752,805,132
Grain farming	36.3	\$83,595,535
Other animal food manufacturing	29.2	\$35,884,484
Wholesale trade	92.1	\$19,356,242
Support activities for agriculture and forestry	204.7	\$10,414,263
Truck transportation	56.8	\$8,580,810
All other crop farming	16.7	\$7,414,599
Owner-occupied dwellings	0.0	\$6,205,144
Oilseed farming	0.9	\$4,905,462
Real estate	54.8	\$3,455,531

Below is a summary of all agriculture data with employment levels and output level. These values can tell how many jobs are represented by each agriculture, food, and food processing sector and the output they contributed to the Haskell County economy.

All Agriculture, Food, and Food Processing Sectors		
Sector	Total Employment	Total Output
Oilseed farming	0.9	\$4,905,462.27
Grain farming	36.3	\$83,595,535.28
Cotton farming	6.2	\$1,794,293.40
All other crop farming	16.7	\$7,414,599.42
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	694.4	\$752,805,114.75
Animal production, except cattle and poultry and eggs	0.2	\$86,877.19
Support activities for agriculture and forestry	204.7	\$10,414,262.77
Other animal food manufacturing	29.2	\$35,884,483.34
Bread and bakery product, except frozen, manufacturing	1.3	\$161,472.50
Farm machinery and equipment manufacturing	2.3	\$836,685.12
Veterinary services	5.7	\$489,540.34

All 105 counties in Kansas have an IMPLAN model and an agriculture, food, and food processing contribution summary. These values do not factor in the retail environment of food sales. Food retail is important, but in order to provide the most accurate picture of what production agricultural and processing contributes to Haskell County, the retail sector was omitted.